

## C.V.



### i) General Information:

- A) Name : Dr. GHOTEKAR BHAUSAHEB KEDARNATH  
B) Address : Flat No. 5, Yogeshwar Park, Wadjai Mata Nagar,  
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C) Working Place : Maratha Vidya Prasark Samaj's,  
Arts, Science and Commerce College, Ozar (Mig), Niphad,  
Nashik, Department of Chemistry  
D) Designation : Assistant Professor  
E) Date of Birth : 15<sup>th</sup> July 1982  
F) Area of Specialization: Organic Chemistry

### ii) Academic Qualification

Exam Passed	Board/ University	Subjects	Year	Division/ Grade
High School	Nashik	General	1998	Higher Second
Higher Secondary or Pre-degree	PUNE	Science	2000	Higher Second
Bachelor's Degree (s)	SPPU	Chemistry	2003	First Class
Master's Degree (s)	SPPU	English	2005	First Class
SET	SPPU	Chemical Science	2016	NA
Ph. D	SPPU	Chemistry	2009	NA

### iii) Research Experience & Training

Research Stage	Title of work/Thesis	University where the work is carried out
Jr. Manager, Process R & D	Synthesis of API's such as Darifenacin. Hydrobromide, Prasugrel Hydrochloride, Quetiapine Hemifumarate, Cinacalcet. Hydrochloride	Megafine Pharma (P) Ltd., Dindori, Nashik, Maharashtra, India.
Ph.D.	"Synthesis of Novel Pyrazolopyridines, Pyrazolopyrrolopyridines, Pyrazolopyrimidines, Fused Quinolines, Cytosines and Uracils with Linkers and Study of the Effect of Substituents on their Photophysical properties"	SPPU
Research Guide	Dr. R. B. Toche and Dr. M. N. Jachak	

### iv) Seminars/ Conferences/Symposia/Workshops attended/Paper Presented:

Sr. No.	Title of the Seminar/workshop	Level	Place	Dates
1.	93 <sup>rd</sup> Session of Indian Science Congress Association Jan 2006. Hyderabad, India.	International	University of Hyderabad	1 <sup>st</sup> -7 <sup>th</sup> Jan 2006
2.	National Level Conference on "New Organo-analytical techniques in Pharma Industries"	National	K.T.H.M. College, Gangapur Road, Nashik-02	Feb 2006.
3.	State level seminar on: "Modern trends in metal complexes and their applications"	State	GMD Arts, BW Commerce and Science College, Sinnar, Nashik	19 Dec. 2014
4.	National level seminar on: "Chemistry for the overall development of human beings"	National	KSKW College, CIDCO, Nashik-08	15 and 16 Jan 2015
5.	International Conference on "Challenges in Organic, Bio-Organic and Medicinal Chemistry"	International	KSKW College, CIDCO, Nashik-08	2-4 Feb. 2017

### v) Publications:

Sr. No.	Title with Page Nos.	Journal	ISSN/ISBN No	Whether peer reviewed. Impact factor if any	No. of Co-authors	Whether you are the main author
1	Synthesis of Pyridin-2(1H)-one Derivatives via Enamine Cyclization 2011; 76(10):3829-36.	<i>The Journal of Organic Chemistry</i>	0022-3263	Yes, 4.785	04	No
2	Effect of substituents on absorption and	<i>Canadian Journal of</i>	0008-4042	Yes, 1.06	03	Yes

	fluorescence properties of pyrazolo[3,4- <i>b</i> ]pyrrolo[2,3- <i>d</i> ]pyridines <b>2011</b> ; 86(11):1070-1076.	<i>Chemistry</i>				
3	Synthesis of New Quinoline Fused Heterocycles such as Benzo[ <i>h</i> ]-1,6-naphthyridines and Pyrazolo[4,3- <i>c</i> ]quinolines <b>2010</b> ; 141(2):169-175.	<i>Monatshefte fuer Chemie</i>	0026-9247	Yes, 1.22	03	Yes
4	New One-Step Synthesis of Pyrazolo[1,5- <i>a</i> ]pyrimidine and Pyrazolo[1,5- <i>a</i> ]quinazoline Derivatives via Multicomponent Reactions <b>2009</b> ; 46(4):708 - 713.	<i>Journal of Heterocyclic Chemistry</i>	0022-152X	Yes, 0.78	02	Yes
5	An Efficient Synthesis of Pyrazolo[3,4- <i>b</i> ]pyrrolo[2,3- <i>d</i> ]pyridines from 5-Aminopyrazoles and Cyclic $\beta$ -Keto Ester <b>2008</b> ; 45, 1711.	<i>Journal of Heterocyclic Chemistry</i>	0022-152X	Yes, 0.78	03	Yes
6	Synthesis of Pyrazolo[3,4- <i>b</i> ]pyridines Using Ammonium Acetate as Green Reagent in MultiComponent Reactions <b>2008</b> ; 45(4):1221-1224.	<i>Journal of Heterocyclic Chemistry</i>	0022-152X	Yes, 0.78	04	No
7	Synthesis of benzohetero[3, 2- <i>a</i> ]pyrimidines using cyclic $\beta$ -keto lactone as a building block <b>2009</b> ; 140(2):235-241.	<i>Monatshefte fuer Chemie</i>	0026-9247	Yes, 1.22	03	Yes
8	New Approach for the Synthesis of Pyrido[1,2- <i>a</i> ]pyrimidines doi: 10.3814, 434329, <b>2008</b> .	<i>Scholarly Research Exchange, Syrex</i>	0026-9247	Yes, 0.66	03	No
9	Fluorescence Properties of Donor Acceptor Chromophores on Newly Synthesized Pyridine-3-Carbonitriles <b>2009</b> ; 19, 1119.	<i>J. Fluoresc.</i>	1053-0509	Yes, 1.601	05	No

10	Synthesis of fused pyrimidines from amines and cyclic $\beta$ -formylesters <b>2007</b> ; 63, 8157.	<i>Tetrahedron</i>	0040-4020	Yes, 2.645	04	Yes
11.	Synthesis and Study of Fluorescent Properties of New 3-Pyridinecarbonyl triles <b>2009</b> ; 140, 655-662.	<i>Monatshefte fuer Chemie</i>	0026-9247	Yes, 1.22	03	No
12.	4-Amino-3-benzyl-2-oxo-2,3-dihydroprimidine-5-carbaldehyde: The First Example of Tautomerism and its Alkylation by a Simple Method <b>2017</b> ; ISSUE-21, Vol.6, 22-31.	<i>Scholarly Research Journal for Interdisciplinary Studies (SRJIS)</i>	2319-4766	Yes, 5.403	03	Yes
13.	Interaction of Glycolic Solutions in Some Solvents at 298.15 K <b>2017</b> ; ISSUE-21, Vol.6, 15-21.	<i>Scholarly Research Journal for Interdisciplinary Studies (SRJIS)</i>	2319-4766	Yes, 5.403	02	No
14.	Chemospecific Alkylation of 4-Amino Cytosine at N-1 Position by Using Lewis Acid Catalysts <b>2017</b> ; ISSUE-21, Vol.6, 216-219.	<i>Scholarly Research Journal for Interdisciplinary Studies (SRJIS)</i>	2319-4766	Yes, 5.403	03	No
15.	Synthesis of Cytosine Derivatives and Study of Their Alkylation Under Mild Conditions. <b>2009</b> ; 41, 515-532.	<i>Organic Procedures Preparation Int.</i>	0375-9512	Yes, 0.75	04	No

**vi) Books Published: NIL**

Sr. No.	Name of staff member	Academic year	Title of Book	Name of Publication
1				

**vii) Teaching Experience:**

Courses Taught	Name of the University/ College / Institution	Duration
1) B.E.	Matoshri College of Engineering and Research Center, Eklahare, Tal & Dist-Nashik	3 years

2) B.Sc., M.Sc.	MVP's, GMD Arts BW Commerce and Science College, Sinnar.	2.5 years
3) B.Sc., M.Sc.	MVP's, KSKW Arts, Science and Commerce College, CIDCO, Nashik	3 Years
4) B.Sc. M.Sc.	MVP's, Arts, Science and Commerce College, Ozar (Mig), Niphad, Nashik	4.5 Years

**Total Teaching Experience : 9 Years**

a) Under-graduate : 9 Years

b) Post-graduate : 6 Years

**viii) Administrative Experience:**

1. Member, Science Association ASC College, Ozar (Mig), Nashik
2. Member, Criteria-VII of NAAC.

**ix) Innovations/Contributions in Teaching:**

1) **Design of Curriculum :**

- a) Attended a Workshop Restructuring of Syllabi of T.Y. B. Sc. at H. P. T. arts and R. Y. K. Science College, Nashik

2) **Teaching methods:**

- Lecture method, interactive method, project-based learning, computer-assisted learning, experiential learning, seminars etc.
- Group discussions, problem solving sessions, demonstrations, study tours, project works, and useful simulation software is made available to the students to facilitate their learning.
- Internet available to all students for their use. and preparation of resource material
- Science Quizzes competition.

**A. Laboratory experiments:**

- M.Sc. (Chemistry) all practical experiments arrange in our lab.
- Student motivate for research as involve in my minor research Project

**B. Evaluation methods:**

- Continuous evaluation of the students.
- Class test, tutorials, also home test, Problem solving test.
- As per the prevailing rules of the University of Pune, 30 % weightage is given to the internal (College conducted) examination.
- Weak performers are given a chance to improve by taking additional tests.
- Also with the help of syllabus and other circulars, questions paper pattern and guideline issued by University are informed to the students time to time.

**C. Preparation of resource material including books, reading materials, Laboratory manuals etc:**

- Preparing study material using reference books related to syllabi
- Also prepare chapter wise question bank and displayed on notice board
- Difficult Problem solved and display on notice board
- Unsolved problem display on notice board.
- Also prepare PPT for lectures.

**D. Remedial Teaching / Student Counseling (academic):**

- Also demonstrate the simple experiments.
- Guided the students for selection of project
- Encourage the students for research work.

**E. Any Other:**

- Two students are involved in research project under my guidance.

**x) Extension Work/Community Service:**

- Worked as a Presiding officer in Assembly and NMC election.

**xi) Participation in Corporate Life:**

**xii) Awards: NIL**

Sr. No.	Name of the Faculty	Name of Award	Year	National/ International

**xiii) Editorials of International Journals:**

Sr. No.	Name of the Journal/ Body	ISSN	Position held

**xiv) Extra Curricular/ Co-Curricular Activities:**

- Worked as co-coordinator for oral/practical examinations
- Paper setter, moderator, examiner for Pune University Exam as well as YCMOU Examinations